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L5 6 S L3 AND PY=1998
L6 8 S L3 AND PY<1998
L7 7 S L3 AND PY>1998
L8 0 S EMBASE, BIOSIS, CAPLUS
L9 0 F EMBASE, BIOSIS, CAPLUS

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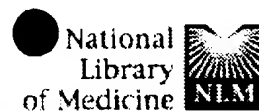
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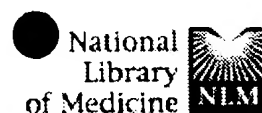
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- 1: [Aquaro S, Menten P, Struyf S, Proost P, Van Damme J, De Clercq E, Schols D](#)
The LD78beta isoform of MIP-1alpha is the most potent CC-chemokine in inhibiting CCR5-dependent human immunodeficiency virus type 1 replication in human macrophages. *J Virol*. 2001 May;75(9):4402-6.
PMID: 11287590 [PubMed - indexed for MEDLINE]

Related Resources

- 2: [Blaszczyk J, Coillie EV, Proost P, Damme JV, Opdenakker G, Bujacz GD, Wang JM, Ji X](#)
Complete crystal structure of monocyte chemotactic protein-2, a CC chemokine that interacts with multiple receptors.
Biochemistry. 2000 Nov 21;39(46):14075-81.
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- 3: [Van den Steen PE, Proost P, Wuyts A, Van Damme J, Opdenakker G](#)
Neutrophil gelatinase B potentiates interleukin-8 tenfold by aminoterminal processing, it degrades CTAP-III, PF-4, and GRO-alpha and leaves RANTES and MCP-2 intact.
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- 4: [Proost P, Menten P, Struyf S, Schutyser E, De Meester I, Van Damme J](#)
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- 5: [De Meester I, Durinx C, Bal G, Proost P, Struyf S, Goossens F, Augustyns K, Scharpe S](#)
Natural substrates of dipeptidyl peptidase IV.
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- 6: [Van Damme J, Struyf S, Wuyts A, Van Coillie E, Menten P, Schols D, Sozzani S, De Meester I, Proost P](#)
The role of CD26/DPP IV in chemokine processing

The LD78beta isoform of MIP-1alpha is the most potent CCR5 agonist and HIV-1-inh

- 8: Struyf S, Proost P, Schols D, De Clercq E, Opdenakker G, Lenaerts JP, Detheux M, Parmentier M, De Meester I, Scharpe S, Van Damme J. **Relate**
CD26/dipeptidyl-peptidase IV down-regulates the eosinophil chemotactic potency, but anti-HIV activity of human eotaxin by affecting its interaction with CC chemokine receptor 4.
J Immunol. 1999 Apr 15;162(8):4903-9.
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- 9: Wuyts A, Govaerts C, Struyf S, Lenaerts JP, Put W, Conings R, Proost P, Van Damme J. **Relate**
Isolation of the CXC chemokines ENA-78, GRO alpha and GRO gamma from tumor c leukocytes reveals NH2-terminal heterogeneity. Functional comparison of different nat isoforms.
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- 10: Proost P, Struyf S, Schols D, Opdenakker G, Sozzani S, Allavena P, Mantovani A, Augustyns K, Bal G, Haemers A, Lambere AM, Scharpe S, Van Damme J, De Meester I. **Relate**
Truncation of macrophage-derived chemokine by CD26/ dipeptidyl-peptidase IV beyond predicted cleavage site affects chemotactic activity and CC chemokine receptor 4 interaction.
J Biol Chem. 1999 Feb 12;274(7):3988-93.
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- 11: Schols D, Proost P, Struyf S, Wuyts A, De Meester I, Scharpe S, Van Damme J, De Clercq E. **Relate**
CD26-processed RANTES(3-68), but not intact RANTES, has potent anti-HIV-1 activity.
Antiviral Res. 1998 Oct;39(3):175-87.
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- 12: Struyf S, Proost P, Sozzani S, Mantovani A, Wuyts A, De Clercq E, Schols D, Van Damme J. **Relate**
Enhanced anti-HIV-1 activity and altered chemotactic potency of NH2-terminally processed macrophage-derived chemokine (MDC) imply an additional MDC receptor.
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- 13: Van Coillie E, Proost P, Van Aelst I, Struyf S, Polfliet M, De Meester I, Harvey DJ, Van Damme J, Opdenakker G. **Related Articles, Protein, Nucleotide Sequence, Reviews**
Functional comparison of two human monocyte chemotactic protein-2 isoforms, role of amino-terminal pyroglutamic acid and processing by CD26/dipeptidyl peptidase IV.
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- 15: Struyf S, Proost P, Schols D, Wuyts A, Van Damme J, Opdenakker G. **Related Articles, Protein, Nucleotide Sequence, Reviews**
Functional comparison of two human monocyte chemotactic protein-2 isoforms, role of amino-terminal pyroglutamic acid and processing by CD26/dipeptidyl peptidase IV.
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Amino-terminal truncation of chemokines by CD26/dipeptidyl-peptidase IV. Conversion of RANTES into a potent inhibitor of monocyte chemotaxis and HIV-1-infection.

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Purification and Identification of Natural Chemokines

Methods. 1996 Aug;10(1):82-92.

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- 20: [Sozzani S, Allavena P, Proost P, Van Damme J, Mantovani A](#) [Relate](#)

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Human monocyte chemotactic proteins-2 and -3: structural and functional comparison MCP-1.
J Leukoc Biol. 1996 Jan;59(1):67-74. Review.
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- 22: [Masure S, Paemen L, Proost P, Van Damme J, Opdenakker G.](#) [Relate](#)
Expression of a human mutant monocyte chemotactic protein 3 in Pichia pastoris and characterization as an MCP-3 receptor antagonist.
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- 23: [Proost P, Van Leuven P, Wuyts A, Ebberink R, Opdenakker G, Van Damme J.](#) [Relate](#)
Chemical synthesis, purification and folding of the human monocyte chemotactic protein MCP-2 and MCP-3 into biologically active chemokines.
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- 24: [Bertini R, Luini W, Sozzani S, Bottazzi B, Ruggiero P, Boraschi D, Saggioro D, Chieco-Bianchi L, Proost P, van Damme J, et al.](#) [Relate](#)
Identification of MIP-1 alpha/LD78 as a monocyte chemoattractant released by the HTLV-I-transformed cell line MT4.
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- 25: [Van Damme J, Proost P, Put W, Arens S, Lenaerts JP, Conings R, Opdenakker G, Heremans H, Billiau A.](#) [Relate](#)
Induction of monocyte chemotactic proteins MCP-1 and MCP-2 in human fibroblasts and leukocytes by cytokines and cytokine inducers. Chemical synthesis of MCP-2 and development of a specific RIA.
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- 26: [Van Damme J, Proost P, Lenaerts JP, Conings R, Opdenakker G, Billiau A.](#) [Relate](#)
Monocyte chemotactic proteins related to human MCP-1.
Adv Exp Med Biol. 1993;351:111-8. Review. No abstract available.
PMID: 7537510 [PubMed - indexed for MEDLINE]

Structural and functional identification of two human, tumor-derived monocyte chemotactic proteins (MCP-2 and MCP-3) belonging to the chemokine family.

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